

Peter Lee

portfolio www.peterlee.tech

contact

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(806) 789-5268

Skills

Languages

Java, Python, C/C++, Javascript, HTML, CSS, Latex

Frameworks

Meteor, MEAN stack, Bootstrap, jQuery, Sass, Materialize

Project Workflow

Gulp + Browsersync, NPM, Bower, Github, Heroku

Operating Systems

Linux, Windows

Design

Adobe Photoshop, Adobe Illustrator

Education

UC Berkeley

B.A. Computer Science and Applied Mathematics
GPA: 4.0

Relevant Coursework

CS61A – Structure and Interpretation of Computer Programs (A+)
CS61B – Data Structures and Algorithms (A+, Ranked 3rd out of 1360)
CS70 – Discrete Math and Probability Theory
Math 54 – Linear Algebra and Differential Equations
Ind End 192 – Technology and Entrepreneurship

Awards

Dean's List – Awarded to the Top 4% of L&S Students
Hackerrank World Cup Competition – Semifinalist
Hack Into It Hackathon – Overall 3rd Place

Class of 2019

Projects

Interactive Competitive Programming Notebook, www.peterlee.tech/algorithms

December 2015 – Present

Materialize, Sass, jQuery, C++, Java

- Created an online interactive collection of famous algorithms in computer science as a reference for competitive programming contests

Durd Chat, durd.herokuapp.com

July 2015

Node.js, Express.js, Socket.io, jQuery

- Created a real-time chatting web application that uses machine learning to match users with similar statistics given by previous partners
- Implemented a server that facilitates real-time bidirectional event-based communication between clients with Socket.io

Frontend Boilerplate, www.peterlee.tech/FrontendBoilerplate

June 2016

Bootstrap, jQuery, Sass, Gulp + Browsersync

- Created a starter project for a highly customizable, modern frontend web project
- Compiled advanced frontend features including parallax, scroll animations, CSS preprocessing, and Sass mixin libraries

Redesign of Computer Science Mentors, www.peterlee.tech/CSMentors

August 2016

Materialize, Sass, jQuery

- Designed a modern website for Computer Science Mentors at UC Berkeley that is based on Google's material design principles
- Received over 1,000 views from undergraduate students and mentors at CSM

United Nations Refugee Agency at Cal, unrac.berkeley.edu

September 2015

Angular.js, Sass, Gulp + Browsersync

- Created the website for a nonprofit organization that is dedicated to raising awareness for the Syrian Refugee Crisis
- Designed online recruitment process for potential members

Alary Language, www.alarylanguage.club

July 2016

Materialize, Sass, jQuery

- Created the website for an organization that connects language learning students and fosters a personal learning experience
- Managed the application structure and lesson plans for languages

Experience

Hack In, www.hackin.io

June 2016 – July 2016

Co-founder and Chief Technology Officer

- Built a recruiting platform for tech companies to assess software development applicants through an integrated technical assessment
- Created an online platform using Meteor.js and MongoDB with 5,000 lines of code in 3 weeks for the beta release

CS61B – Data Structures and Algorithms

August 2016 – Present

Lab Assistant

- Instructed students during lab and office hours on fundamental data structures and basic practices in software development

Activities

Virtual Reality at Berkeley

September 2016 – Present

Researcher

- Developed an open source augmented reality toolkit that enables human-computer interaction in 3D space on augmented reality platforms
- Integrated depth sensors, RGB cameras, and transparent display glasses on a wearable device that collects and displays physical data

Innovative Design

September 2016 – Present

Gold Tier Member

- Facilitated workshops on graphic and web design that offer education and experience to intermediate designers
- Provided graphic design and web development services to on-campus organizations

Upsilon Pi Epsilon, Computer Science Honor Society

September 2016 – Present

Member and Web Developer

- Admitted with the top third of the Computer Science students in the College of Letters & Sciences at UC Berkeley
- Developed the online platform for companies to sponsor events and for members to communicate with officers

Computer Science Mentors

August 2016 – Present

Mentor

- Taught a group of computer science students fundamental concepts of data structures, software development, and algorithms
- Created lesson plans and review sheets to improve general problem solving skills and prepare students for exams

University Symphony Orchestra

August 2015 – May 2016

Cellist

- Performed at sectionals, concerts, and rehearsals to practice classical symphonies by Tchaikovsky, Dvorak, and Mendelssohn as well as modern compositions by guest composers